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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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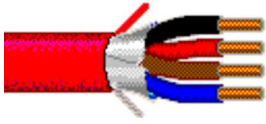
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**Part Number: 5322FL**



Fire Alarm, #18-4c BC, Shielded, FPLR

## Product Description

Fire Alarm Cable, Riser-FPLR, 4-18 AWG solid bare copper conductors with polyolefin insulation, overall Beldfoil® shield, PVC jacket with ripcord

## Technical Specifications

### Product Overview

Suitable Applications:	Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	4

Conductor Count:	4
Conductor Size:	18 AWG

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

#### Color Chart

Number	Color
1	Black
2	Red
3	Brown
4	Blue

#### Outer Shield Material

Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	24	Solid

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.17 in	0.017 in	Yes

## Construction and Dimensions

#### Cabling

Twists
4.4 twist/ft

## Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
6.4 Ohm/1000ft	7.6 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield

30 pF/ft	54 pF/ft
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Shielding:	Foil(s) or Copper Tape(s)
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#### Current

##### Max. Recommended Current [A]

3.5 Amps per conductor @ 25°C A

#### Voltage

##### UL Voltage Rating

300 V RMS

### Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

### Mechanical Characteristics

Bulk Cable Weight:	31.1 lbs/1000ft
Max Recommended Pulling Tension:	92.4 lbs
Min Bend Radius/Minor Axis:	1.75 in

### Standards

NEC Articles:	760
NEC/(UL) Specification:	FPLR
Other Specification:	California State Fire Marshall

### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

### Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6322FL

### Part Number

#### Variants

Item #	Color	Footnote
5322FL 0021000	Red	C
5322FL 002U1000	Red	

Footnote:	C - CRATE REEL PUT-UP.
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